

# IAS AlertII™

Your solution for remote monitoring and alerting. Using Cloud technology to monitor any resource. Currently serving general Agricultural, Oil and Gas, Vineyards, Nursery, Greenhouse and many other markets.

Viewing Read from 6/19/2014 5:54:49 PM					
Write Oroup(s) Read Refresh	Every 5 Minutes CRetry on Error?				
Select Device to View: Alba					
Firmware Version         Number of Sensors         Battery Voltage         Cell Strength           0E:01         4         12.55         V         99	LWS:1 (mV) 538 View Graph				
Sensor Types Sensor 1 Type Sensor 2 Type Sensor 3 Type Sensor 4 Type	P2:Temperature (F) 83.3 View Graph				
LWS Temp/RH Rain Wind	Rain:3 (In)				
Latitude         Longitude           40.6146         Degrees         -75.1663         Degrees	Wind:4 (MPH) 2.49 View Graph				
Solar Panel Current Current (mA) View Graph	RH:2 (%) 70.6 View Graph				
	Total Rain:3 (In)				

# IAS AlertII<sup>™</sup> automatically identifies attached sensors and displays data dynamically. Historical data can be exported to Excel.

The IAS AlertII<sup>™</sup> can accept a wide variety of sensors. Currently supported are:

- Temperature/RTD
- Temperature and RH
- Wind, Rain, Pyranometer
- Leaf Wetness
- Pressure, Flow, Level
- pH, Nitrate, Dissolved Oxygen
- Multiple Soil Moisture Technologies
- Current, Voltage
- Any 4-20ma Sensor
- Any 0-5V Sensor
- Modbus RTU
- Contact Closure

All IAS sensors utilize an IP67 RJ45 connection and a proprietary ID scheme.

The IAS AlertII<sup>™</sup> can be configured to sample and report data at from as often as every five minutes to as infrequently as once per hour.

Alert thresholds can be set on any sensor. Notifications are delivered via SMS, Email and/or Voice. Alerts can be set up to watch for a drop or rise in a sensor, any change, out of range or a lack of response.

#### Welcome to Harvest Watch

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vice Control	Select Fa	arm: NEWA	*		
ntrol Page	Devic	es			
hboard		Device Name	Polling Frequency	Last Read	<b>Consecutive Errors</b>
	Select	Alba	5 min.	8/15/2014 4:56 PM	
History	Select	Bellview	5 min.	8/15/2014 4:56 PM	
m Admin	Select	Haines	5 min.	8/15/2014 4:57 PM	
	Select	Hawk Haven	5 min.	8/15/2014 4:57 PM	
Users	Select	Terhune	5 min.	8/15/2014 4:56 PM	
e Groups	Select	Tomasello	5 min.	8/15/2014 4:56 PM	
es	Select	Unionville Winery	5 min.	8/15/2014 4:55 PM	
	Select	Working Dog Winery	5 min.	8/15/2014 4:55 PM	
rt Polling Data					
ne Alerts	Deee	nt Alauta			
n History	Rece	nt Alerts			
	Id	Date / Time	Device Name	Alert Type	Alert Text
	No Aler	ts Found			

### IAS HarvestWatch<sup>™</sup>

## **Cloud-based Monitoring and Control Application**

IAS Customers around the world rely on IAS HarvestWatch<sup>™</sup> to monitor and manage their irrigation pumps and other remote monitoring and control resources. IAS Servers reside in Enterpriseclass, fully redundant data centers with the highest availability and reliability.

IAS maintains dedicated Cisco Virtual Private Networking equipment to ensure the ultimate in security and reliability for our customer's data and connectivity.

IAS HarvestWatch<sup>™</sup> is a Web-based application where an account corresponds to a company with multiple resources and multiple users. There is no limit to the number of pumps or other devices, which may be monitored and controlled from a single account. Once a system is setup in HarvestWatch<sup>™</sup> it can be securely monitored and controlled from anywhere.